

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	7530328
<b>Application Number:</b>	10632431
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2852
<b>Title of Invention:</b>	Method and apparatus for affinity-guided speculative helper threads in chip multiprocessors
<b>First Named Inventor/Applicant Name:</b>	Hong Wang
<b>Customer Number:</b>	59796
<b>Filer:</b>	David P. McAbee/Derek S. Watson
<b>Filer Authorized By:</b>	David P. McAbee
<b>Attorney Docket Number:</b>	42P15449
<b>Receipt Date:</b>	30-APR-2010
<b>Filing Date:</b>	31-JUL-2003
<b>Time Stamp:</b>	18:24:50
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 130
RAM confirmation Number	5714
Deposit Account	500221
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The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		P15449_Resp_to_OA_04302010.pdf	545974 e138cc2d482eaf285a28291a5c040dc5d098514b	yes	20
Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Amendment/Req. Reconsideration-After Non-Final Reject			1	1	
Claims			2	17	
Applicant Arguments/Remarks Made in an Amendment			18	20	

### Warnings:

### Information:

2	Fee Worksheet (PTO-875)	fee-info.pdf	30140 e1286f6a0e7e807ed9945a666c80b6c2848f8177	no	2
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### Warnings:

### Information:

Total Files Size (in bytes):	576114
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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.